HF Happenings

Antique Wireless Association Valve QSO Party

The aim of the AWA Valve QSO party is to create activity on the 40 and 80 metre bands. It is a phone only contest using AM and SSB. Preferably, valve radios, or radios with valves in them may be used. No linear amplifiers may be used.

The AM QSO Party - from 13:00 to 17:00 UTC on Saturday 9 May and the SSB QSO Party - from 13:00 to 17:00 UTC on Sunday 10 May.

The following frequencies must be used - 40 metres: 7 063 to 7 100 kHz and 80 metres: 3 603 to 3 650 kHz. The output power may not exceed 100 w, unless the rig itself has a higher output power. (FTDX400, etc)

The exchange is your call sign, a RS report, a consecutive serial numbers starting at 001 and the type of radio used, e.g. HT37 TX.

Scoring (your radio) - All valve radio - 3 points per contact; Hybrid radio - 2 points per contact and Solid State Radio - 1 point per contact. Certificates will be awarded to the first three places in each category. (AM/SSB)

KARTS and AWA Flea Market

It is once again time for the annual Kempton Park Amateur Radio Technical Society (KARTS) and the Antique Wireless Association (AWA) combined flea market and open day event that will take place on Saturday 6 June 2015 from 10:00 onwards.

The venue is at the Impala Voortrekkers Centre, Rooibos Avenue, Allen Grove, Kempton Park. Please visit the KARTS website at www.zs6kts.co.za/ for directions to the venue.

Please diarise this date on your calendar as this event promises to be a most interesting, enjoyable and memorable day.

For table bookings or any queries, contact Selwyn, ZS6SEL, on 082 804 2782 or Nico, ZS6QL, on 083 269 9939.

KARTS and the AWA are looking forward to welcoming you there!

Results of the Autumn QRP Contest

The Autumn QRP Contest was held on Saturday 11 April 2015. Three logs were received and the results are as follows:-

1st West Rand ARC, ZS6WR - 700 points
2nd Theo Bresler, ZS6TVB - 93 points
3rd Johan van Zijl, ZS4DZ - 33 points

Results of the 2014 CQ WW CW Contest

The May 2015 issue of CQ Magazine carries the write-up of the 2014 CQ WW CW Contest (November 2014) and the 2014 CQ WW RTTY Contest (September 2014). The results of the CW contest are available on the CQ DX Contest web site, but only the raw scores before checking are available for the RTTY Contest.

Here are the results for Zone 38 for the 2014 CQ WW CW Contest

Multi-One
1st A25DX (operated by Roger, ZS6RJ, and Robert, VA7DX) made 3 734 346 points from 3 194 QSOs in 111 zones and 302 entities

No 654   South African Radio League * Suid-Afrikaanse Radioliga
1925 - 2015
May 2015   Member Society of the International Amateur Radio Union since 1925
www.sarl.org.za www.iaru.org www.iaru-r1.org

Single Operator, High Power, All Bands
1st V55V (operated by Winfried, DK9IP) made 8 293 152 points from 5 536 QSOs in 128 zones and 388 entities

Single Operator Assisted, High Power, All Bands
1st Karel, ZR9C, made 2 186 712 points from 2 076 QSOs in 108 zones and 255 entities

Single Operator, Low Power All Bands
1st Barry, ZS2NF, made 810 894 points from 930 QSOs in 98 zones and 203 entities
2nd Joop, ZS6JP, made 30 705 points from 143 QSOs in 34 zones and 55 entities
3rd Bruce, ZS5XT, made 30 912 points from 103 QSOs in 39 zones and 73 entities

Single Operator Assisted, Low Power, All Bands
1st Johan, ZS2I, made 496 944 points from 1 012 QSOs in 50 zones and 124 entities
2nd Koji, ZR6NX, made 119 540 points from 303 QSOs in 60 zones and 79 entities

Single Operator, High Power, 10 m
1st Vidi, ZS1EL, made 376 177 points from 1 155 QSOs in 24 zones and 89 entities

Single Operator Assisted, High Power, 10 m
1st Pierre, ZS6A, made 138 040 points from 364 QSOs in 33 zones and 103 entities

Single Operator Assisted, Low Power, 10 m
1st Raoul, ZS1C made 6 670 points from 48 QSOs in 19 zones and 39 entities
2nd Geoff, ZS6C, made 1 034 points from 17 QSOs in 7 zones and 15 entities

Single Operator, QRP, 10 m
1st Rudi, ZS6DX, made 145 500 points from 438 QSOs in 30 zones and 95 entities

Single Operator, High Power, 15 m
1st Bernie, ZS4TX, made 957 933 points from 2 121 QSOs in 36 zones and 117 entities

Single Operator, QRP, 40 m

1st Rudi, ZS/V51VE, made 2 646 points from 53 QSOs in 10 zones and 11 entities
Thirteen of the 15 entries received certificates. The entries in italics were received after the 5-day log submission deadline.

Website of the Week
Ed WØYK, Don, AA5AU, and Larry, K8UT, invite everyone to take a quick survey on RTTY contesting http://survey.hamdocs.com/index.php/991223. There are 23 multiple-choice questions, which are easy to answer in less than five minutes. The questions expand on the surveys done in 2007 and 2010, so we can see how our preferences have evolved. The survey will close at 23:59 UTC on Saturday 9 May so you have a couple of days yet. Results

will be presented at the Dayton RTTY Forum and on the RTTY Contesting website http://www.rttycontesting.com/

Word to the Wise

"Not everything that can be counted counts and not everything that counts can be counted." Albert Einstein

The bonus word is "Bio-SCP" meaning your personal memory of who is and who is not active. The ops at the top have worked hard to develop their very own call book over many years - you should, too! (Thanks, Zoli HA1AG)

Operating Tip

"Fail as many times as it takes and be strategic about what you learn." Bre Pettis, co-founder of Makerbot Industries

PCB fabrication

Every time we turn around there is a new technique to do something in your own lab, which previously required special machines and techniques. Here is an *EE Times* story about alternative ways to do your own PCB fabrication
http://www.eetimes.com/document.asp?doc_id=1326234

African Islands

IOTA frequencies
CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz
SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

Mauritius and Rodrigues Islands, 3B8 and 3B9. Jose, EA5IDQ will be active as 3B8/EA5IDQ from Mauritius (AF-049) between 10 and 18 May and as 3B9/EA5IDQ from Rodrigues (AF-017) between 19 and 23 May. From both locations, he will operate SSB and RTTY on 40 to 6 metres. QSL via EA5IDQ, direct or bureau (OQRS on Club Log).

Seychelles, S79. Peter, DL2RPS will be active from the Baie Sainte Anne district of Praslin Island (IOTA AF-024), Seychelles Archipelago, as S79RPS between 2 and 8 May. He will be on the HF bands using CW, SSB and some Digital modes. QSL via bureau to DL2RPS, eQSL via S79RPS, Club Log OQRS or direct with SASE and 2 US$ via DL2RPS (QRZ.com).

CT9 / DF5AU

Madeira Island, CT9. Johannes, DF5AU will be active from Madeira Island (AF-014) between 5 and 10 May as CT9/DF5AU. He will be active on the HF bands using CW and SSB. He will also participate in the MIR-Contest using the call sign CR3L (QSL via DJ6QT). QSL CT9/DF5AU via LoTW (preferred) or direct to home call, also OK via DARC-bureau.

African DX

Equatorial Guinea. Ken, LA7GIA, will be active as 3C7GIA (pending) from Malabo Island (AF-010) between 10 and 22 October (tentative dates). Activity will be on 80 to 10 metres. More details will be forthcoming.

History this week
Starting Monday 4 May 2015

1660 - Isaack B Fubine of Savoy, in The Hague, patents macaroni
1752 - Benjamin Franklin first tests the lightning rod
1840 - The postage stamp was first sold in Great Britain. The "penny black" and "two penny blue" stamps
1851 - Dr John Gorrie patents a "refrigeration machine"

1888 - George Eastman patents "Kodak box camera"

1896 - First horseless carriage show in London (featured 10 models)

1899 – The Lawn mower patented

1937 - The *Hindenburg* burned while landing at the naval air station at Lakehurst, NJ

1978 – Battle of Cassinga

1979 - Radio Shack releases TRSDOS 2.3 computer

2000 - Conjunction of the Sun, Mercury, Venus, Mars, Jupiter, Saturn and the Moon

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 4 to 11 May 2015

RSGB 80 m Club Championship, SSB
19:00 - 20:30 UTC 4 May
Mode: SSB
Bands: 80 m Only
Classes: (none)
Exchange: RS and serial no
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: (see rules)
Submit logs by: 23:59 UTC 11 May 2015
Upload log at:
http://www.vhfcc.org/cgi-bin/hfenter.pl
Mail logs to: (none)
Find rules at:
http://www.rsgbcc.org/hf/rules/2015/r80 mcc.shtml

MIE 33 Contest
23:00 UTC 4 May to 03:00 UTC 5 May
Mode: CW, Phone
Bands: All, except WARC
Classes: Single Op - CW or mixed; Single Op Single Band - CW or mixed; Multi-Multi - CW or mixed; SWL

Exchange: Mie: RS(T), age and "ME"; non-Mie JA: RS(T), age and "MEJ"; non-Mie non-JA: RS(T) and age
Work stations: Once per band
QSO Points: (see rules)
Multipliers: Each age once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 31 May 2015
E-mail logs to: allmie33@gmail.com
Mail logs to: JARL Mie Branch, c/o T. Tomioka, 2033 Hekicho, Tsu, Mie 514-1138, Japan
Find rules at:
http://www.ztv.ne.jp/isoda/33/annual/38/3 8rule-e.html

ARS Spartan Sprint
01:00 - 03:00 UTC 5 May
Mode: CW
Bands: 80, 40, 20, 15, 10 m
Classes: Skinny; Tubby
Max power: 5 watts
Exchange: RST, state, province or country and power
Work stations: Once per band
Submit logs by: 7 May 2015
E-mail logs to: spartansprint@yahoo.com
Mail logs to: (none)
Find rules at:
http://www.arsqrp.blogspot.com/

CWops Mini-CWT Test
13:00 - 14:00 UTC and 19:00 - 20:00 UTC 6 May and 03:00 - 04:00 UTC 7 May
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op – QRP, low or high
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: Member: Name and member no; non-Member: Name and state, province or country
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each call once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 04:00 UTC 9 May 2015
Post log summary at:
http://www.hornucopia.com/3830score/

Mail logs to: (none)
Find rules at:
http://www.cwops.org/cwt.html

NRAU 10 m Activity Contest
17:00 - 18:00 UTC (CW) and 18:00 - 19:00 UTC (SSB) and 19:00 - 20:00 UTC (FM) and 20:00 - 21:00 UTC (Dig) 7 May
Mode: CW, SSB, FM, Digital
Bands: 10 m Only
Classes: (none)
Exchange: RS(T) and 6-character grid square
QSO Points: (see rules)
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 21 May 2015
Upload log at:
http://ua9qcq.com/en/submit_log.php?lang=en
Mail logs to: (none)
Find rules at: http://www.nrau.net/activity-contests/below-30mhz.html

SKCC Weekend Sprintathon
12:00 UTC 9 May to 24:00 UTC 10 May
Mode: CW
Bands: 160, 80, 40, 20, 15, 10, 6 m
Classes: (none)
Max operating hours: 24
Exchange: RST, state, province or country, name and SKCC no or "NONE"
Work stations: Once per band
QSO Points: 1 point per QSO; Bonus Points: (see rules)
Multipliers: Each state, province or country once
Score Calculation: Total score = (total QSO points x total mults) and bonus points
Submit logs by: May 17, 2015
Post log summary at:
http://wes.m0trn.com/submission.php
Mail logs to: (none)
Find rules at:
http://www.skccgroup.com/operating_activities/weekend_sprintathon/

CQ-M International DX Contest
12:00 UTC 9 May to 11:59 UTC 10 May

Mode: CW, SSB
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op Single Band - CW, SSB or mixed; Single Op All Band - CW, SSB or mixed - low or high; Single Op All Band QRP; Multi-Single; SWL; World War II Veteran
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: RS(T) and serial no
QSO Points: (see rules)
Multipliers: Each RS-150-C country once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 10 June 2015
E-mail logs to: cq-m@cq-m.ru
Mail logs to: (none)
Find rules at:
http://www.cq-m.ru/en/rules.html

HPC World Wide DX Contest
12:00 UTC 9 May to 11:59 UTC 10 May
Mode: BPSK63
Bands: 80, 40, 20, 15, 10 m
Classes: Single Op – QRP or high; Multi-Op; SWL
Max power: HP: 100 watts; QRP: 5 watts
Exchange: HPC Members: RST and 3-digit HPC member number; non-HPC: RST and 3-digit QSO no
QSO Points: (see rules)
Multipliers: Each HPC member once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 15 June 2015
E-mail logs to: contest2013@pskclub.gr
Mail logs to: (none)
Find rules at: http://pskclub.gr/contest

VOLTA WW RTTY Contest
12:00 UTC 9 May to 12:00 UTC 10 May
Mode: RTTY
Bands: 80, 40, 20, 15, 10 m
Classes: Single Op All Band; Single Op Single Band; Multi-Op; SWL
Exchange: RST, QSO no and CQ Zone
Work stations: Once per band
QSO Points: See rules
Multipliers: Each country and VK, VE, JA, ZL and W call area (see rules) once per band;

Each country on a different continent worked on at least 4 bands once (extra mult)
Score Calculation: Total score = total QSO points x total mults x total QSOs
Submit logs by: 31 May 2015
E-mail logs to: log2015@contestvolta.it
Mail logs to: (none)
Find rules at:
http://www.contestvolta.com/Volta49ww.pdf

Portuguese Navy Day Contest
15:00 UTC 9 May to 15:00 UTC 10 May
Mode: CW, SSB
Bands: 80, 40, 20, 15, 10 m
Classes: Single Op
Exchange: NRA Club: Member no and CQ Zone; non-member: QSO no and CQ Zone
Work stations: Once per band per mode per 60 minutes
QSO Points: See rules
Multipliers: Each country once per band per mode
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 30 May 2015
E-mail logs to: nra@nra.pt
Mail logs to: (none)
Find rules at: http://www.nra.pt/portuguese-navy-day-contest---2015.html

FISTS Spring Unlimited Sprint
17:00 - 21:00 UTC 9 May
Mode: CW
Bands: 80, 40, 20, 15, 10 m
Classes: QRP; QRO; Club
Max power: QRO: 100 watts; QRP: 5 watts
Exchange: FISTS: RST, state, province or country, first name and FISTS no; non-FISTS: RST, state, province or country, first name and power
Work stations: Once per band
QSO Points: 5 points per QSO with FIST member; FIST members: 2 points per QSO with non-FIST member
Multipliers: Each US state and VE province once; Each DXCC country once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 8 June 2015
E-mail logs to: n2ed@fistsna.org

Mail logs to: (none)
Find rules at:
http://fistsna.org/operating.html#sprints

Next Week's Contests

CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 13 May and 03:00 - 04:00 UTC 14 May
RSGB 80 m Club Championship, Data, 19:00 - 20:30 UTC 13 May
QRP Minimal Art Session, 16:00 - 22:00 UTC 14 May
NCCC RTTY Sprint, 01:45 – 02:15 UTC 15 May
NCCC Sprint, 02:30 - 03:00 UTC 15 May
His Majesty the King of Spain CW Contest, 12:00 UTC 16 May to 12:00 UTC 17 May
Aegean RTTY Contest, 12:00 UTC 16 May to 12:00 UTC 17 May
Feld Hell Sprint, 16:00 – 17:59 UTC and 20:00 – 21:59 UTC 16 May
NZART Sangster Shield Contest, 08:00 – 11:00 UTC 17 May and 08:00 – 11:00 UTC 18 May
WAB 7 MHz Phone, 10:00 -14:00 UTC 17 May
UA2 QSO Party, 13:00 – 16:59 UTC 17 May
Run for the Bacon QRP Contest, 01:00 - 03:00 UTC 18 May

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX Bulletin, 425 DX Bulletin, DXNL DX News-letter, ARRL DX News, WIA-News, the RSGB News, Southgate ARC News, DxCoffee and the Islands, Castles & Portable Operations Bulletin

The satellite setup at Eddie, ZS6BNE – Arrow antenna, GPS and handheld radio